

10/781,531

=> file casreact

FILE 'CASREACT' ENTERED AT 14:47:12 ON 17 AUG 2004
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FILE CONTENT:1840 - 15 Aug 2004 VOL 141 ISS 7

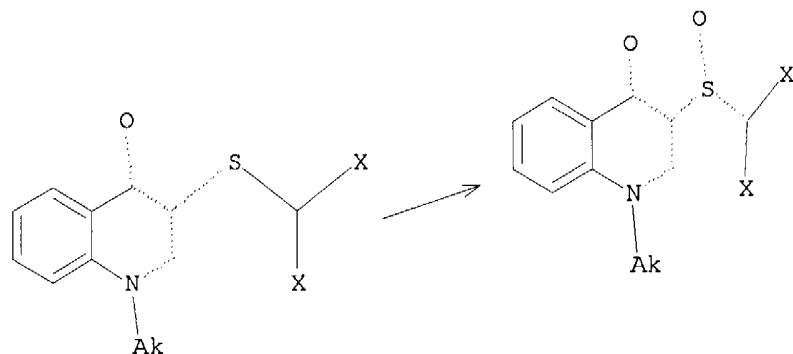
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*****
*
*      CASREACT now has more than 8 million reactions      *
*
*****
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Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

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=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 1 SEA FILE=CASREACT SSS FUL L1 (1 REACTIONS)

=> d l3 ibib abs fcrd

L3 ANSWER 1 OF 1 CASREACT COPYRIGHT 2004 ACS on STN

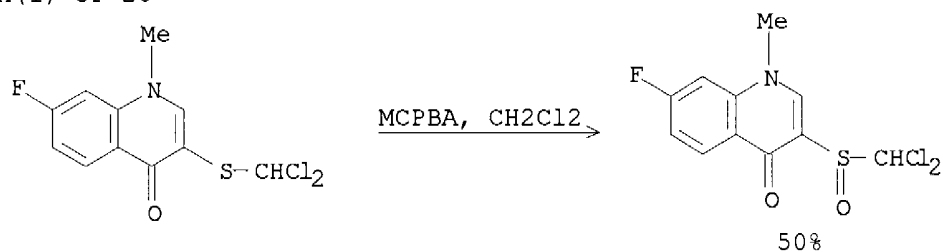
ACCESSION NUMBER: 139:230629 CASREACT
TITLE: Process for the preparation of dichloroflosequinan and its inhibition of phosphodiesterases
INVENTOR(S): Kwiatkowski, Stefan; Golinski, Mirosław
PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA
SOURCE: U.S. Pat. Appl. Publ., 13 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003166676	A1	20030904	US 2002-281563	20021028
US 6727262	B2	20040427		
US 2003191152	A1	20031009	US 2002-282286	20021028
PRIORITY APPLN. INFO.:			US 2002-361146P	20020301
			US 2002-360829P	20020301
			US 2002-360954P	20020301
			US 2002-361150P	20020301
			US 2002-403033P	20020813

AB In a multi-step synthesis, dichloroflosequinan is prepd. from 2-amino-4-fluorobenzoic acid and its inhibition of human phosphodiesterases is demonstrated.

RX(1) OF 28



=> file caplus

FILE 'CAPLUS' ENTERED AT 14:48:26 ON 17 AUG 2004

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FILE COVERS 1907 - 17 Aug 2004 VOL 141 ISS 8

FILE LAST UPDATED: 16 Aug 2004 (20040816/ED)

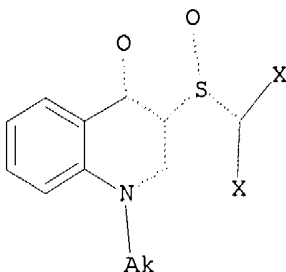
This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

=> d que

L4 STR

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Structure attributes must be viewed using STN Express query preparation.

L6 3 SEA FILE=REGISTRY SSS FUL L4

L7 2 SEA FILE=CAPLUS L6

=> d 17 1-2 ibib abs hitstr

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:696542 CAPLUS

DOCUMENT NUMBER: 139:230632

TITLE: Process for the preparation of monofluoroflosequinan and difluoroflosequinan and their inhibition of protein serine/threonine kinase (nonselective)

INVENTOR(S): Kwiatkowski, Stefan; Golinski, Mirosław

PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA

SOURCE: U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003166679	A1	20030904	US 2002-281801	20021028
US 6767914	B2	20040727		
US 2003191152	A1	20031009	US 2002-282286	20021028
PRIORITY APPLN. INFO.:			US 2002-361150P	P 20020301
			US 2002-360829P	P 20020301
			US 2002-360954P	P 20020301
			US 2002-361146P	P 20020301
			US 2002-403033P	P 20020813

OTHER SOURCE(S): CASREACT 139:230632

AB Monofluoroflosequinan and difluoroflosequinan are prepd. and shown to inhibit protein serine/threonine kinase (nonselective).

IT **592541-79-2P**

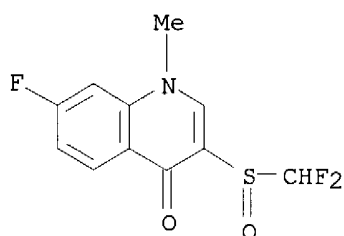
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

(process for the prepn. of monofluoroflosequinan and difluoroflosequinan and their inhibition of PDE's)

RN 592541-79-2 CAPLUS

CN 4(1H)-Quinolinone, 3-[(difluoromethyl)sulfinyl]-7-fluoro-1-methyl- (9CI)
(CA INDEX NAME)

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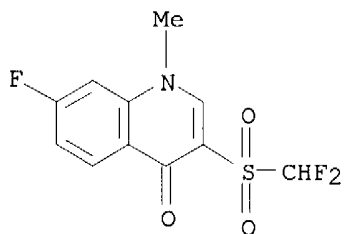
IT **592541-78-1P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(process for the prepn. of monofluoroflosequinan and difluoroflosequinan and their inhibition of PDE's)

RN 592541-78-1 CAPLUS

CN 4(1H)-Quinolinone, 3-[(difluoromethyl)sulfonyl]-7-fluoro-1-methyl- (9CI)
(CA INDEX NAME)



L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:696539 CAPLUS

DOCUMENT NUMBER: 139:230629

TITLE: Process for the preparation of dichloroflosequinan and its inhibition of phosphodiesterases

INVENTOR(S): Kwiatkowski, Stefan; Golinski, Mirosław

PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA

SOURCE: U.S. Pat. Appl. Publ., 13 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003166676	A1	20030904	US 2002-281563	20021028
US 6727262	B2	20040427		
US 2003191152	A1	20031009	US 2002-282286	20021028
PRIORITY APPLN. INFO.:			US 2002-361146P	P 20020301
			US 2002-360829P	P 20020301
			US 2002-360954P	P 20020301
			US 2002-361150P	P 20020301
			US 2002-403033P	P 20020813

OTHER SOURCE(S): CASREACT 139:230629

AB In a multi-step synthesis, dichloroflosequinan is prepd. from 2-amino-4-fluorobenzoic acid and its inhibition of human phosphodiesterases is demonstrated.

IT **592543-25-4P**

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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)
(process for the prepn. of dichloroflosequinan and its inhibition of
phosphodiesterases)

RN 592543-25-4 CAPLUS

CN 4(1H)-Quinolinone, 3-[(dichloromethyl)sulfinyl]-7-fluoro-1-methyl- (9CI)
(CA INDEX NAME)

